-	

Substitute for form 1449A/PTO	Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)	Application Number	10/072,766		
(use as many sheets as necessary)	Filing Date	February 8, 2002		
\ Aus	First Named Inventor	Marvin J. Slepian		
	Group Art Unit	1636		
AUG TRAPENT	Examiner Name	Maria Marvich		
Sheet 1 of 2	Attorney Docket Number	MJS 104		

			U.S. PATENT DOCUM	ENTS	
Examiner Cite No.1		US Patent Document	Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (If known)			
Mm		5,545,178	Kensey et al.	08-13-1996	
mm		5,752,974	Rhee et al.	05-19-1998	
		<u> </u>			
					·
	· · ·		,		
		<del>                                     </del>		.	
		<del>                                     </del>			

				F	OREIGN PATENT DOCUMEN	TS			
Examiner Initials*	Cite No. <sup>1</sup>		F	oreign Patent Doo	ument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т*
		Office.3	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)					
Examiner's Signature		M	Mari	ch	Da	ate Considered	6/16/04		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Tradernark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commission for Patent, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

Under the Paperwor	rk Reduction Act of	1 f 1995, no	persons are regulred to respond to a collec	ction of information unless it contains a valid OMB	control number				
	stitute for form			Complete if Known					
WE B 3 2004	STATE		ON DISCLOSURE T BY APPLICANT y sheets as necessary)	Application Number	10/072,766	i			
Vino	3.7			Filing Date	February 8, 2002				
PIRITA TRADE	. <sup>6</sup> /			First Named Inventor	Marvin J. Slepian				
KENT & TRADE	7			Group Art Unit	1636				
				Examiner Name	Maria Marvich				
Sheet	2	of	2	Attorney Docket Number	MJS 104				

		OTHER ART NON PATENT LITERATURE DOCUMENTS	
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
MM		ALISTAIR, "Oratec Interventions" Venture Capital Journal (2000).	
MW		CLOSURE MEDICAL PRESS RELEASE, "Closure medical enters into cooperative research agreement to develop medical adhesive for the treatment of emphysema" (2001).	
	<del> </del>		

Examiner's Signature	Mynarvich	Date Considered 9/14/04

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commission for Patent, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box  $\rightarrow$ 

PTO/SB/08A (10-96 Approved for use through 10/31/99. OMB 0651-0031

	لـــا	JUL 3	ZUUZ Pau	ent and Trademant Unice: U.S. DEPARTMENT OF COMMERCE
	Under the Paperwork Reduction Act of 1995, no persons are require	ed to respond to a collection	of information unless it contains a valid (	OMB control number
	Substitute for form 1449A/PTO	TECH CENT	ER 1600/2900	Complete if Known
	INFORMATION DISC OSTATEMENT BY APP	PLICANT	Application Number	10/072,766
(	10" · 3	• •	Filing Date	February 8, 2002
/:	CATA TRADEGALES		First Named Inventor	Marvin Slepian
1	EVTA TO MORE ME		Group Art Unit	1636
	U IRBOS		Examiner Name	
	Sheet 1 of	4	Attorney Docket Number	MJS 104
			<del>'</del>	

				U.S. PATENT DOCU	MENTS			
Examiner Initials*	Cite No.1			US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code 2 (if known)	·				
mn_		2,677,700		Jackson et al.	05-04-1954			
MM		3,036,118		Jackson et al.	05-22-1962			
Min		3,535,307		Moss et al.	10-20-1970			
MM		3,829,506		Schmolka et al.	08-13-1974			
MAMA		4,517,686		Ruoslahti et al.	05-21-1985			
MM		4,578,079		Ruoslahti et al.	03-25-1986			
MM		4,589,881		Pierschbacher et al.	05-20-1986			
WW		4,938,763		Dunn et al.	07-03-1990			
MM		5,041,380		Ruoslahti et al.	08-20-1991			
MM		5,149,780		Plow et al.	09-22-1992			
MM		5,169,930		Ruoslahti et al.	12-08-1992			
, , ,						K		
		1						
		ļ						
ŀ		1	ŀ					

Examiner Initials*	Cite No. <sup>1</sup>	No.1				Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
					Office.3	Number⁴	Kind Code <sup>5</sup> (if known)					
							-	<u> </u>				
								-				
						· ·						
						<u> </u>		<u> </u>				
		<del>ل ا</del>			<del></del>	<u> </u>		Ц_				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. include copy of this form with next communication to application.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commission for Patent, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

## RECEIVED

Please type a plus sign (+) inside this box → +

JUL 3 2002

PTO/SB/08A (10-96
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Subeti				16	then tem miniment						
	000311	tute for form	1449/	APTO	IEO	######################################		e if Known				
P E STATEMENT BY APPLICANT								10/072,766				
JUN 277	tous .	use as m	any si	heets as r	ecessary)	Filing Date		February 8, 2002				
1		Ē/				First Named Inventor		Marvin Slepian				
TA TRAD	at.	<b>'</b>			•	Group Art Unit		1636				
274 TRAD	ENE					Examiner Name	· · · · · · · · · · · · · · · · · · ·	1000				
Sheet		2 (	of	[	4	Attorney Docket Numb	per	MJS 104				
				L								
					OTHER ART -	NON PATENT LITERATU	RE DOCUMENTS					
Examiner's Initials*	Cite No.					r (in CAPITAL LETTERS), title al, serial, symposium, catalog, publisher, city and/or country	etc.), date, page(s), vo		T²			
mn	,					ned within cyclic pentapep S, 291(1): 50-54 (1991).	tides. Strong and s	elective inhibitors of cell adhesion to				
MM		BECK, et a	I., "St	ructure ar	nd function of la	minin: anatomy of a multid	omain glycoprotein	," FASEB J., 4(2):148-150 (1990).				
MM			GRAF, et al., "A pentapeptide from the laminin B1 chain mediates cell adhesion and binds the 67,000 laminin receptor," biochem., 26(22):6896-6900 (1987).									
MM	,	GRAF, et a binding," C				cid sequence in laminin mo	ediating cell attachn	ment, chemotaxis, and receptor				
WW	,				ent laminin dom 3(5):933-943 (19		ation of human end	dothelial cells into capillary-like				
Mana		Biochem., 2	210(3	) 911-921	(1992).	7	·	sive RGD peptides," <i>Eur. J.</i>				
MM	J	238(4830):	1132-	1134 (198	37).			astasis formation," <i>Science</i> ,				
MM		KAUFMAN	N, "He	eat shock	proteins and the	e immune response," <i>Imm</i>	unol. Today, 11(4):	129-137 (1990).				
MM	,	KLEINMAN	l, et a	l., "Basen	nent membrane	complexes with biological	activity," <i>Biochem.</i> ,	25(2):312-318 (1986).				
MM		KLEINMAN	, et al	l., "Blolog	cal activities of	laminin," J. Cell Biochem.,	27(4):317-325 (198	85).				

		<u> </u>	•	
Examiner's Signature	My Mary Ch	Date Considered .	9/14/04	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Oraw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

## RECEIVED

Please type a plus sign (+) inside this box →

JUL 3 2002

PTO/SB/08A (10.96 Approved for use through 10/31/99. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Pap	erwark Reduction	Act of 1995, no perso	ons are required to respond	pia Teli Pari 4 6 0 0 1/2 96 0 niess it conta	ins a valid OMB control number			
,	Judaulule 10	1011111445/41116	, , , , , , , , , , , , , , , , , , , ,	Complete if Known				
OIP	ESTATE	MENT BY	ISCLOSURE APPLICANT	Application Number	10/072,766			
_	mm The	as many sheets	as necessary)					
JUH 27	Mor S		•	Filing Date	February 8, 2002			
	E E			First Named Inventor	Marvin Sleplan			
Pr.	**			Group Art Unit	1636			
Charle THE	10EMP	1 26 1	··	Examiner Name	W 10 404			
Silee	3	of	44	Attorney Docket Number	MJS 104			
		<del></del>	OTHER ART	NON PATENT LITERATURE DO	CLIMENTS			
Examiner's	Cite	incl			article (when appropriate), title of the	Τ²		
Initials*	No.1	item (	book, magazine, journal	I, serial, symposium, catalog, etc.), depublisher, city and/or country where p	ate, page(s), volume-issue number(s),	'		
MM	ANDO	QUIST, "The hea	t-shock response," A	лл. Rev. Biochem., 55;1151-11	91 (1986).			
MM	LINDO	QUIST, et al., "Th	ne heat-shock proteir	ns," Annu. Rev. Genet., 22:631-	677 (1988).			
MW	MOHF J. Her	RI, et al., "Novel on., 37(1):14-19 (	effect of cyclicization 1991).	of the Arg-Gly-Asp-containing	peptide on vitronectin binding to platelets," Ame	r.		
mm	MQRI Cance	MOTO, "Heat sh er Cells, 3(8):295	ock: the role of trans -301 (1991).	ient inducible responses in cell	damage, transformation, and differentiation,"			
Mm	*Respo 859 (1	onse, sponsored b 991).	by Cold Spring Harbor	Laboratory (Cold Spring Harbor,	haperones." Stress Proteins, and the Heat Shool NY USA April 29-May 2, 1991) New Biol. 3:855-	Š		
Mm	4			Shock Response (CRC Press, 19				
MM	٧,		•	minal ER proteins," EMBO J., 8				
Min	(1986)	FELHAM, "Speculations on the functions of the major heat shock and glucose-regulated proteins," Cell, 46(7): 959-961 (1986).						
MM	adhes	PIERSCHBACHER, et al., "Influence of stereochemistry of the sequence Arg-Gly-Asp-Xaa on binding specificity in cell adhesion," J. Biol. Chem., 262(36): 17294-17298 (1987).						
MM	SAKA	MOTO, et al., "In er Res., 51(3):903	hibition of angiogene 3-906 (1991).	esis and tumor growth by a synt	netic laminin peptide, CDPGYIGSR-NH2,"			
Examiner's Signature	7//	VAGAGE	<u></u>	Date C	onsidered 9/(4/04			

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

## RFCEIVED

		ULOLI	A L
ase type a plus sign (+) Inside this box →	+		
ase type a plus sign (+) inside this box →		JUL 3	2002

PTO/SB/08A (10-96 Approved for use through 10/31/99. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Pape	rwork Reduction /	Act of 1995, no persons	are required to respond t	a a collection of information witess it contains a	valid OMB control number		
s	ubstitute for f	om 1449A/P1O	IEUN UE	Complete if Known			
OIP	STATE	MENT BY A	SCLOSURE APPLICANT	Application Number	10/072,766		
	Side a	is many sheets as	necessary)	Filing Date	Fohrunni 9, 2002		
JUN 27	2002			First Named Inventor	February 8, 2002  Marvin Slepian		
1011 -	<i>છ</i>			Group Art Unit	1636		
<b>队</b>	78/			Examiner Name			
Shiper TOWN	FMI	of	4	Attorney Docket Number	MJS 104		
	·						
				NON PATENT LITERATURE DOCU			
Examiner's Initials*	No.'	item (bo	ook, magazine, joumal	(in CAPITAL LETTERS), title of the artic , serial, symposium, catalog, etc.), date, publisher, city and/or country where publ	page(s), volume-issue number(s), ished	T <sup>2</sup>	
MM	SCARE glycopi	BOROUGH, et al. rotein Ilb-Illa," <i>J.</i>	, "Design of potent Biol. Chem. 268(2):	and specific integrin antagonists. F 1066-1073 (1993).	Peptide antagonists with high specificity for		
MM	Ţ		•	Biol. Chem., 265(21):12111-12114			
MM				to man (Cold Spring Harbor, Cold S			
MM	TAY, et (1989).	t al., "Activity tow	ard thrombin-antith	rombin of heparin immobilized on t	wo hydrogels," <i>Biomaterials</i> , 10(1): 11-15		
		,					
					·		
		· · · · · · · · · · · · · · · · · · ·	-			$\top$	
Examiner's Signature		Mari	Ch.	Date Cons	idered 01/16/16/1		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.